

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

NOVEMBER 18, 1971

C. S. BURGESS 1870-1971

CECIL S. BURGESS, Professor Emeritus of Architecture, died on Friday, November 12. He was 101 years of age.

Professor Burgess, who emigrated to Canada from his native Scotland in 1903, was the University's resident architectural consultant from 1913 until his retirement in 1940.

He supervised the construction of the Arts and Medical Sciences Buildings and designed and supervised Pembina Hall, undoubtedly the best constructed of the three old student residences. He also designed all of the former staff houses on campus circle, about half of which were demolished last summer.

Professor Burgess taught architectural design and drafting as well. Architecture has not been taught here since his retirement.

An interview with Professor Burgess shortly after his one hundredth birthday was published in FOLIO October 22, 1970.



RESEARCHING RESEARCH

If the majority rules, funds for basic research at universities will be continued or increased, and there will be a revamping of the criteria for the distribution of those funds.

These were the views most frequently stated in the 15 briefs submitted to the Commission to Study the Rationalization of University Research, held last week on campus.

The internal review of research efforts was established by the Board of Directors of the Association of Universities and Colleges of Canada "to ensure that research undertakings in the universities of Canada can be planned to serve, without undue duplication, both the advancement of knowledge, and provincial, regional, and national development."

Commissioners were LOUIS-PHILIPPE BONNEAU, Vice-recteur at Université Laval, and J. A. CORRY, former Principal at Queen's

University. GEORGE FORD, Dean of the Faculty of Engineering, represented The University of Alberta on the Advisory Committee of the Commission.

Dr. Corry explained the dilemma many funding agencies face: "Canadian universities are speaking with two different voices when they ask them (the agencies) to decide where the research money should go. They should speak out regarding the relevance of basic and applied research in the individual areas where funding is needed."

And speak out they did.

ENGINEERING

T. BLENCH, Professor Emeritus of Civil Engineering, made an appeal for better methods of research funding.

"Research is international and it has got to be the federal government who supports it. Universities must get the government to set up guidelines and priorities. Let's take the politics out of decision-making," he said.

Dr. Blench said the federal government has "wasted funds, ostensibly for research, by placing them in the hands of federal civil service departments incompetent in research, and by allowing such departments to award the funds outside, or to divert them internally, as they please."

His remedies for the situation included a recommendation that the federal government proclaim that "the granting of research awards to all recipients—universities, federal and provincial organizations, private research organizations, and individuals—will be under the authority of an essentially scientific body created by the Ministry of Science.

"Research grants will be made with special reference to established or potential competence, intra- and inter-disciplinary co-operation, economic balance between basic and applied research, and the probable economic value of the results to the nation."

ROLF KELLERHALS, Associate Professor of Civil Engineering, disagreed with Dr. Blench in his brief, stating that politics should be put back into the decision of which research projects should be given funds.

"It is the duty of the people who spend the taxpayers' money to see that researchers don't just continue their PhD work, their basic research," he said. "Recent PhDs tend to go back to their basic research rather than on to practical work because it is intellectually

more rewarding."

Professor Kellerhals also said present National Research Council (NRC)-supported research in engineering is making an inadequate contribution to pressing national needs.

"A definite effort needs to be made to counteract the trend towards basic research built into the university community," he said. "With a few exceptions, only projects contributing towards national needs should be funded and, to implement this, the percentage of academics on Operating Grants Committees should be reduced.

"The number of recipients of NRC grants should be reduced and grants should be given for projects, not in support of continuing work by individuals."

W. A. GEOFFREY VOSS, Professor of Electrical Engineering, predicted in his brief that Alberta "will return to an agricultural economy by the end of this century unless it develops industry and new sources of power."

He said the NRC should make grants available for staff and students who wish to do basic research in a university department.

Applied research, said Dr. Voss, should be federally funded and should be done co-operatively by universities and industry.

G. S. H. LOCK, Professor of Mechanical Engineering, called for the establishment of a Faculty of Interdisciplinary Studies at the University.

"Interdisciplinary research has the advantage that it is normally done in groups, thus allowing considerable individual freedom without demanding independence—in fact, interdependence is a natural advantage."

Dr. Lock cited as merits of group research: automatic exchange of ideas, common use of facilities, consolidation of effort, and ability to tackle larger problems.

He said research goals should be defined by national and regional bodies, in a give-and-take exchange with universities. He also said, "Interdisciplinary projects ought to be funded in relation to their contribution to the achievement of prescribed goals, and they would, therefore, automatically satisfy the demand for social accountability."

SCIENCE

The right of universities to conduct basic research, and the sharing of facilities by universities and industry were two points advocated in briefs submitted by P. R. GORHAM,

Chairman of the Department of Botany, and J. T. SAMPLE, Chairman of the Department of Physics.

Dr. Gorham said much of the research done in his department is multi-disciplinary and is concerned with studying the impact of man on his environment.

Since many ecosystem problems are of national concern, he said, government scientists should play some part in the research of these problems. He added, however, that "universities must be given the opportunity and the right to participate in such projects."

He also said a federal-provincial agency should be created to make grants and launch government and university projects in the research of ecosystems.

Dr. Sample praised the NRC for its methods of grants selection but, he said, "somewhat sharper and clearer merit ratings of proposals" should be established. He also said co-operative ventures in research and sharing of facilities is vital for high energy physics researchers in Canada.

EDUCATION

F. ENNS, Associate Dean of the Faculty of Education, said educational research has suffered because of the traditional separation of professional education from the "scientific" departments.

He also said adequate resources—time, funds, and an appropriate means of disseminating the findings—must be provided if educators are to participate fully in research.

In his brief, Dr. Enns quoted a statement made to the MacDonald Committee of the Privy Council in 1968 by H. T. COUTTS, Dean of the Faculty:

"Any scheme of support should remain

flexible so that research proposals can be examined on their merits rather than on some artificial basis of whether it be institutional or individual, pure or applied, etc.

"With respect to mechanisms for reviewing and determining allocations, it is desirable to stress the point that proper evaluation of proposals requires the knowledge of people who know education in general and educational research in particular. Hence committees which do this work should be broadly conceived and should include educators."

ARTS

In a personal brief submitted to the Commission, A. MATEJKO, Associate Professor of Sociology, called for team research and better channels of communication.

"The relationship between the people who promote research and those who utilize its results has not been properly investigated," he said. "It is also, at present, a common complaint that social research is losing its feeling for reality and becoming merely a scholastic game for professionals."

He said social research can only be made more relevant by establishing effective communications between researchers and the decision-making organizations in the community and, possibly, extending the practice of employing social scientists in government.

E. SNIDER, Assistant Professor of Sociology, said in his brief that "university researchers must take positive steps to ensure that they are providing a meaningful service to the community and project that image if they expect the taxpayer to still foot the bill."

Dr. Snider said there must be co-ordination among government, industry, and universities.

"Information retrieval systems incorporating government, private industry, and the University should be set up to minimize duplication and overlap of research effort."

He also said the funding agencies, rather than university presidents, should establish priorities, thus channeling research and teaching activities in a worthwhile direction.

AGRICULTURE

F. V. MAC HARDY, Dean of the Faculty of Agriculture and Secretary of the Alberta Agricultural Research Trust (AART), presented a brief on behalf of AART.

Dr. MacHardy said the Trust, incorporated to receive funds from the provincial government and from industry for research by members of the faculty, matches the funds received for industry-supported research projects.

He said statistics for the first five years of operation of the Trust show the "success realized in meeting the Trust's original objectives, which were to see research supported on a shared basis between govern-

ment and industry, and (to see) that an adequate basis of support be maintained for the faculty's research effort.

"Experience with the AART concept and operation . . . leads to the conclusion that it represents a soundly-based organization for the support of university research."

C. F. BENTLEY, Professor of Soil Science and Chairman of the Research Sub-committee of the Alberta Institute of Pedology, criticized the amount of support made available to soil science researchers.

Speaking on behalf of the Institute, Dr. Bentley said, "The industry of agriculture is very broadly based and has a direct effect on the general welfare through its influence on the supply, quality, and cost of food. Budgets for university departments, including those at The University of Alberta, are being determined increasingly by teaching loads.

"As a result, since the number of agriculture students is relatively small, the amount of direct and indirect support for research in the agricultural sciences provided by the University is decreasing, even though the needs for such research are increasing."

He said additional soil science professionals are needed to teach and do research, and substantial long-term funding must be provided.

"Soil science, including pedology, is becoming a discipline of importance to many non-agricultural studies and activities. There can be no question that only through an integrated approach to research in the general area of soil management will we ever be able to combine optimum productivity with wise environmental conservation practices. Inputs from all sub-disciplines within Soil Science are essential."

MEDICINE

A brief submitted on behalf of the Faculty of Medicine was prepared by J. S. COLTER, Chairman of the Department of Biochemistry, and R. A. MACBETH, Chairman of the Department of Surgery.

Dr. Colter described as "a pointless exercise" the attempt to rigidly apply to research the basic-applied classification.

"Whether research is viewed as basic or applied depends on the time horizon within which it is viewed," he said. "Last year's basic research is this year's applied research."

"New advances in the treatment of disease, when viewed in historical perspective, are seen to be dependent on many observations made in many laboratories, and (it is seen) that many of the data leading to the treatment of disease X had nothing to do with disease X when the basic research that provided the essential bit of information was done. . . . Faced with this clear lesson of history, one wonders how anyone today could consider himself sufficiently omnipotent

FOLIO

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William Samis, Editor

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with the natural environment. Geological and other earth science exploration techniques constitute the prime tool within this framework.

The conference will be opened by the Honourable W. D. DICKIE, provincial Minister of Mines and Minerals, and will be attended by approximately 300 delegates from both Canada and the United States.

MALE CHORISTERS FOR 'AIDA'

The Edmonton Opera Association needs male choristers—tenors, baritones, and basses for their production of *Aida* next April. Those interested should advise MISS SANDRA MUNN at her studio, 11037 - 89 Avenue, telephone 439-1549.

EXTENSION COURSES

In response to popular demand, additional sections of two courses have been scheduled by the Department of Extension.

The second section of "Management by Objectives" will be held December 3 and 4, and deals with a system which seeks to integrate the company's need to achieve its goals of profit and growth with the manager's need to contribute and develop himself. The seminar leader will be ROLF E. ROGERS, Associate Professor of Business Administration (Organization and Management). The fee is \$65.

The second section of "Forecasting Techniques" has been set for December 9 and 10 with C. T. L. JANSSEN, Associate Dean of Business Administration and Commerce, and E. N. WEST, Assisting Professor of Computing Science, as instructors.

Additional information about both courses is available from the Department of Extension at 439-2021, extension 35. Registrations are being accepted at the Department, Corbett Hall, 82 Avenue and 112 Street.

EDMONTON ART GALLERY

The exhibition "Paul Kane 1810-1871," on display at the Edmonton Art Gallery until December 12, has been organized for the National Gallery of Canada and the Amon Carter Museum of Western Art, Fort Worth, Texas by Canadian art historian J. RUSSELL HARPER of Montreal, and is the result of three-and-a-half years of research. Much of the material from the collection of MRS. H. J. LUTCHER STARK and the Stark Foundation of Orange, Texas, has never been exhibited before. A remarkable series of water color and oil sketches has been obtained by the Lutchter Stark family directly from Kane's descendants. These sketches form a unique documentation of the Indian people of the West, as Kane saw them on the spot.

The exhibition on display until January 30, entitled "The Plains Indians," consists of Indian arts and artifacts showing similarities of objects and motifs found in Paul Kane's drawings and paintings.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

18 NOVEMBER, THURSDAY

Library Seminar

3:30 p.m. "Descriptive and analytical bibliography" by BRIAN MCMULLIN, Cameron Library, Penthouse.

Open Seminar Series

4 p.m. "The development of tragedy from the Greeks through Seneca, Cornielle, Racine, and the Moderns," by WALTER H. JOHNS. Sponsored by the Department of Romance Languages, Physics Building, V-Wing, Room V114.

Master Class in Dance

5 p.m. to 7 p.m. Tuition by members of the Ririe-Woodbury Dance Company of Utah. Physical Education Centre, West Gym. Admission \$1 for participants, \$2 for observers.

"Soft Streetcar"

8 p.m. *And 19 and 20 November*. A multimedia production in the round. Poetry, mime, dance, movement, music. Edmonton Art Gallery. Admission free; take a cushion.

19 NOVEMBER, FRIDAY

Dance Performance

8 p.m. *And 20 November*. The Ririe-Woodbury Dance Company of Utah. Students' Union Theatre. Admission \$2.75, tickets on sale at SUB ticket office and Mike's.

Faculty Club

Downstairs. TGIF—Voyageurs Night. Tortiere, Cabbage, Crêpes Confiture. \$2.50 per person. *Upstairs*. Gourmet Special. Live Lobster. \$7.50 for two. Also regular menu. Dinner 6 to 9 p.m.

20 NOVEMBER, SATURDAY

Master Class in Dance

10 a.m. to noon. Tuition by members of the Ririe-Woodbury Dance Company of Utah. Queen Elizabeth High School Gymnasium.

Master Class in Dance

10:30 a.m. to noon. Tuition by members of the Ririe-Woodbury Dance Company of Utah. Physical Education Centre, Room E19. Admission \$1 for participants, \$2 for observers.

Faculty Club

Casual dining in the Saskatchewan Room. Turf and Surf. \$4 per person. *Upstairs*. Gourmet Special. Live Lobster. \$7.50 for two. Also regular menu. Dinner 6 to 9 p.m. Dancing afterwards.

21 NOVEMBER, SUNDAY

Student Cinema

6:30 and 9 p.m. *I Love My Wife* with ELLIOTT GOULD. SUB Theatre. Admission 75 cents.

22 NOVEMBER, MONDAY

Computing Science Colloquium

4 p.m. "Coercions in ALGOL 68" by D. BASS of the Department of Computing Science, General Services Building, Room 611.

23 NOVEMBER, TUESDAY

Library Seminar

3:30 p.m. "Abstracting and indexing services in the social sciences" DAVE SHARPIIN. Cameron Library, penthouse.

Concert

8:30 p.m. The Symphonic Wind Ensemble of the Department of Music conducted by JOHN HITS, Associate Professor of Music. Convocation Hall. Admission free.

24 NOVEMBER, WEDNESDAY

Seminar on the Soviet Union and Eastern Europe

7 p.m. "National Elites in the Union Republics" by JURIJ BORYS of The University of Calgary. Sponsored by the Interdepartmental Committee on Soviet and East European Studies. Interested students and staff are invited to attend. Henry Marshall Tory Building, Room 3-104.

Color Film Series

7:30 to 9:30 p.m. SIR KENNETH CLARKE'S BBC television film series *Civilisation*. Episodes *The Workshop of Nature* and *The Fallacies of Hope*. Sponsored by the Department of Extension. Henry Marshall Tory Building, Lecture Wing, TLB-1. Admission free.

Music Lecture

8:30 p.m. "Opera: Recitative versus Aria" by ALFRED STROMBERGS, Assistant Professor of Music. Professor Strombergs will be assisted by students from the Voice-Opera Division of the Department of Music. Convocation Hall. Admission free.

25 NOVEMBER, THURSDAY

Open Seminar Series

4 p.m. "The development of comedy from the Greeks and the Romans through Moliere to the Moderns" by WALTER H. JOHNS. Sponsored by the Department of Romance Languages. Physics Building, V-Wing, Room V114.

26 NOVEMBER, FRIDAY

Library Science Colloquium

11 a.m. "The influence of design and printing on the quality of books" by WALTER JUNGKIND, Professor of Art and Design. Rutherford Library, 1st floor, old Law Reading Room.

Faculty Club

Downstairs. TGIF—Mexican Menu. Chilaquiles, Chalupas, Pork Enchiladas. \$3.25 per person.

Upstairs. Gourmet Special. Madrilene of Beef and Onion. Poitrine de Veau Farcie Pas, Abricots a la Royale. \$13.50 for two. Also regular menu. Dinner 6 to 9 p.m.

Student Cinema

6:30 and 9 p.m. *The Boys in the Band*. Off-Broadway cast. SUB Theatre. Admission 75 cents.

Recital

8:30 p.m. Associate Professors of Music. LAWRENCE FISHER, violin, and HELMUT BRAUSS, piano. Convocation Hall. Admission free.

27 NOVEMBER, SATURDAY

Faculty Club

Casual dining in the Saskatchewan Room: Bird and Bottle Buffet. \$4 per person. *Upstairs.* Gourmet Special. Madrilene of Beef and Onion. Poitrine de Veau Farcie Pas. Abricots a la Royale. \$13.50 for two. Also regular menu. Dinner 6 to 9 p.m. Dancing afterwards.

Edmonton Symphony Orchestra

8:30 p.m. *And 28 November at 3 p.m.* Guest artist, HENRYK SZERYNG, violinist. Symphony 25 in G mi. by Mozart; Suite "Bourgeois Gentilhomme" by Richard Strauss; Violin Concerto in D by Brahms. Jubilee Auditorium.

28 NOVEMBER, SUNDAY

National Film Theatre

7:30 p.m. *White Zombie*, USA, 1932. Directed by Victor Halperin, with Bela Lugosi and Madge Bellamy. English dialogue. Also *Paris Qui Dort*. Edmonton Art Gallery. Members only. Memberships available at the door; \$2 on evening of joining. 75 cents every film attended thereafter.

29 NOVEMBER, MONDAY

Public Lecture

8 p.m. "Schopenhauer and Indian Thought" by R. K. DAS GUPTA, Distinguished Visiting Professor, Tagore Professor of Bengali. Sponsored by the Department of Comparative Literature. Henry Marshall Tory Building, Room TB-45.

1 DECEMBER, WEDNESDAY

Color Film Series

7:30 to 9:30 p.m. SIR KENNETH CLARKE's BBC television film series *Civilisation*. Final episode. *Heroic Materialism*. Sponsored by the Department of Extension. Henry Marshall Tory Building, Lecture Wing, TLB-1. Admission free.

3 DECEMBER, FRIDAY

Faculty Club

Downstairs. Regular TGIF, with dance music. *Upstairs.* Gourmet Special. Oysters

Mignonnette, Curly Endive, Beef Tenderloin Shastick Flambé, Wild Rice, Bavaois au Rhum. \$13 for two. Also regular menu. Dinner 6 to 9 p.m.

Student Cinema

6:30 and 9 p.m. *Two Mules for Sister Sara* with SHIRLEY MC LAIN and CUNT EASTWOOD. Students' Union Theatre. Admission 75 cents.

Basketball

8 p.m. Golden Bears vs. The University of Lethbridge Chinooks. Main Gymnasium.

Hockey

8 p.m. Golden Bears vs. the University of Saskatchewan Huskies. Varsity Arena.

4 DECEMBER, SATURDAY

Wrestling

10 a.m. *and all day.* Golden Bears vs. The University of Calgary. Main Gymnasium.

Volleyball

10 a.m. *and all day.* The University of Alberta Invitational. Main Gymnasium.

Hockey

2 p.m. Golden Bears vs. the University of Winnipeg Wesmen. Varsity Arena.

Swimming

2 p.m. Golden Bear Relays. Varsity Pool.

Faculty Club

Upstairs. Gourmet Special. Oysters Mignonnette, Curly Endive, Beef Tenderloin Shastick Flambé, Wild Rice, Bavaois au Rhum. \$13 for two. Also regular menu. Dinner 6 to 9 p.m. Dancing afterwards. There will be no casual dining in the Saskatchewan Room during the month of December.

Basketball

8 p.m. Golden Bears vs. The University of Lethbridge Chinooks. Main Gymnasium.

EXHIBITIONS

SUB Art Gallery

Until 26 November. Hangings by WHYNONA YATES, and "Two Young Montreal Artists."

University Art Gallery and Museum

Until December 15. Works by SANDY HAESLER, Calgary painter and printmaker; WILLIAM HOGARTH, eighteenth century English artist; and FRITS VANEN, Dutch sculptor. Hours 10 a.m. to 4 p.m. Monday and Tuesday; 12 noon to 4 p.m. Wednesday and Friday; 12 noon to 8 p.m. Thursday.

Edmonton Art Gallery

Until 12 December. "Paul Kane 1810-1871." (Organized by the National Gallery.) *Until 30 November.* "A Tribute to Albrecht Durer 1471-1528." (Organized by the German Consulate.) *Until 5 December.* "Eskimo Sculpture." For exhibition and sale. *Until January 30.* "The Plains Indians." arts and artifacts.

Display Greenhouse

The amazon Lily is just coming into bloom.

PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is seven cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone Mrs. Adrienne Lent, 432-4991.

Accommodation available

FOR RENT—Quiet country apartment, three large rooms (one with fireplace), kitchen, bathroom, separate entrance, 10 minutes from University. Available January 1. Phone 4758 or write P.K., 829 Centennial Building.

FOR SALE—Grandview—Cape Cod house with view. Living room, separate dining room, fireplace, large kitchen and den—main floor; three bedrooms upstairs, master bath, rumpus room and panelled den in basement; three sets of plumbing. Phone owner 434-1516.

FOR RENT OR SALE BY OWNER—Three-bedroom bungalow at 10921 74 Ave. Fridge, stove, drapes, rumpus, two extra bedrooms in basement, three bathrooms, double garage. Phone 289-0563 Calgary.

FOR RENT—Four-bedroom suite, 1-1/2 baths, free parking, laundry, balcony, available November 15. \$210. 8255 95 Ave. 465-2251.

FOR RENT—Fully furnished home, garage, 2 bedrooms. January to April. 434-9640.

Automobiles and accessories

FOR SALE—Studded winter tires, practically unused. Two 7.35 6.85-15 and one 185-155P radial. Best offer. 432-3959, 433-3721.

Goods and services

FOR SALE—Photographic enlarger, Durst 600, 50mm Schneider lens, Excellent condition. \$160. M. Harvey, 433-0821.

FOR SALE—Purebred German shepherd puppies. Males \$50. One female \$35. 599-4845 evenings and weekends.

FOR SALE—Ultrablit Meteor II electronic flash \$55. Canon dial 35 half frame camera \$45. Offers? 482-5103.

FOR SALE—Upholstered rocker and hassock \$40. GE cottage type range \$40. Motorized barbeque \$25. GE floor polisher \$10. All in good condition. 482-3866 evenings.

FOR SALE—Lady's buckle ski boots, Vald'or, size 7 1/2, fleece lined. Worn only once. \$35 (cost \$80). Ice skates \$5. 432-3880 days, 434-6188 evenings.

FOR SALE—Lady's size 14 mouton coat, dark brown, knee length. Very warm for Edmonton winters. \$25. 432-3880 days, 434-6188 evenings.

FOR SALE—16" Sunbeam electric snow thrower with 100' cord. \$125. Gary, 432-4901 work, 484-0409 home.

SUMMERHIT—Parents and volunteers interested in discussing a free school, please call Mrs. Pegi Scroggie, 435-7757.

FOR SALE—Eumig standard 8 projector, variable speed, forward, backward, still projection. \$50. 423-1186.

FOR SALE—Ingis gas dryer used two years, excellent condition, \$125 or nearest offer. 487-3404 after 6 p.m.

FOR SALE—Saint Bernard puppies, born October 27. \$150-\$250 each. Phone 699-2098, 7 to 9 p.m., Monday through Friday.

FOR SALE—Special collection of rare pieces of cranberry, vaseline, quezel, amberina, cameo, milk glass, rare bottles, etc. Pine, coal oil, and Gone With the Wind lamps. Eva's Antiques—488-5364.

HOUSECLEANING—Experienced cleaning lady requires housecleaning job. 439-1947.